

12-04-01

PTO/SB/05 (08-00)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 13199US02

First Inventor Thomas Kolze

Title DETECTION AND MITIGATION OF
TEMPORARY IMPAIRMENTS IN A
COMMUNICATIONS CHANNEL

Express Mail Label No. EL849005889US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 27]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R&D
-Reference to sequence listing, a table, or a computer program listing appendix
-Background of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13]

5. Oath or Declaration [Total Pages 5]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper

c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))

10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner:

Group/AR Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying application and is incorporated by reference. The incorporation can only be relied upon when a portion has been incorporated by reference from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label **23446** Correspondence address below

(Insert Customer Number or Bar Code label here)

Name	Christopher C. Winslade				
	McAndrews Held & Malloy, Ltd.				
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Name (Print/type)	Christopher C. Winslade	Registration No. (Attorney/Agent)	36,308		
Signature	<i>Christopher C. Winslade</i>				
	Date	November 2, 2001			

11/02/01
11054 U.S. PTO11/02/01
11052 U.S. PTO

FEE TRANSMITTAL for FY 2001

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

Complete if Known

Application Number	
Filing Date	November 2, 2001
First Named Inventor	Thomas Kolze
Examiner Name	unassigned
Group Art Unit	unassigned
Attorney Docket No.	13199US02

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 13-0017
Deposit Account Name McAndrews, Held & Malloy

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing Fee	740.00
106 330	206 165	Design filing Fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$740.00)			

2. EXTRA CLAIM FEES

Total Claims	20 - 20** =	Extra Claims	Fee from below	Fee Paid
Independent Claims	3 - 3** =	3 x	0 =	0
Multiple Dependent			0 =	0

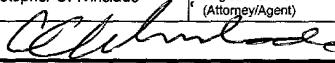
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$0)		

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	Surcharge - late filing fee or oath	
127	50	227	Surcharge - late provisional filing fee or cover sheet	
139	130	139	Non-English specification	
147	2,520	147	For filing a request for ex parte reexamination	
112	920*	112	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	Requesting publication of SIR after Examiner action	
115	110	215	Extension for reply within first month	
116	400	216	Extension for reply within second month	
117	920	217	Extension for reply within third month	
118	1,440	218	Extension for reply within fourth month	
128	1,960	228	Extension for reply within fifth month	
119	320	219	Notice of Appeal	
120	320	220	Filing a brief in support of an appeal	
121	280	221	Request for oral hearing	
138	1,510	138	Petition to institute a public use proceeding	
140	110	240	Petition to revive - unavoidable	
141	1,280	241	Petition to revive - unintentional	
142	1,280	242	Utility issue fee (or reissue)	
143	460	243	Design issue fee	
144	620	244	Plant issue fee	
122	130	122	Petitions to the Commissioner	
123	50	123	Processing fee under 37 CFR 1.17(q)	
126	180	126	Submission of Information Disclosure Stmt	
581	40	581	Recording each patent assignment per property (times number of properties)	
146	740	246	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	Request for Continued Examination (RCE)	
169	900	169	Request for expedited examination of a design application	
Other fee (specify) -----				
*Reduced by Basic Filing Fee Paid				
SUBTOTAL (3) (\$0)				

Complete if applicable

Name (Print/Type)	Christopher C. Winslade	Registration No (Attorney/Agent)	36,308	Telephone	312-775-8000
Signature				Date	November 2, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.